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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	2
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**Complete if Known**

Application Number	10/528,975
Filing Date	03/23/2005
First Named Inventor	Keith L. Milliman et al
Art Unit	3721
Examiner Name	Brian D. Nash
Attorney Docket Number	2861 (203-3492)

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

**Examiner  
Signature**

Date  
Considered

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/528,975		
		Filing Date	03/23/2005		
		First Named Inventor	Keith L. Milliman et al		
		Art Unit	3721		
		Examiner Name	Brian D. Nash		
Sheet	2	of	2	Attorney Docket Number	2861 (203-3492)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BW		European Search Report for EP 03770655, date of completion is February 13, 2007 (3 pgs)	

Examiner Signature		Date Considered	2/12/07
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Application Number	10/528,975
Filing Date	March 23, 2005
First Named Inventor	Keith L. Milliman et al.
Art Unit	3721
Examiner Name	Brian D. Nash
Attorney Docket Number	2861 (203-3492PCTUS)

Sheet 1

of 14

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
BN		US-7,182,239	2/27/2007	Myers	
		US-7,179,267	2/20/2007	Nolan et al.	
		US-7,168,604	1/30/2007	Milliman et al.	
		US-7,114,642	10/3/2006	Whitman	
		US-7,128,748	10/31/2006	Mooredian et al.	
		US-7,122,044	10/17/2006	Bolduc et al.	
		US-7,118,528	10/10/2006	Piskun	
		US-7,080,769	7/25/2006	Vresh et al.	
		US-7,059,510	6/13/2006	Orban, III	
		US-7,059,331	6/13/2006	Adams et al.	
		US-7,032,798	4/25/2006	Whitman et al.	
		US-6,981,941	1/3/2006	Whitman et al.	
		US-6,938,814	9/8/2005	Sharma et al.	
		US-6,905,504	6/14/2005	Vargas	
		US-6,884,250	4/26/2005	Monassevitch et al.	
		US-6,874,669	4/5/2005	Adams et al.	
		US-6,872,214	3/29/2005	Sonnenschein et al.	
		US-6,866,178	3/15/2005	Adams et al.	
		US-6,840,423	1/11/2005	Adams et al.	
		US-6,827,246	12/7/2004	Sullivan et al.	
BN		US-6,820,791	11/23/2004	Adams	
		US-6,769,594	8/3/2004	Orban, III	
		US-6,769,590	8/3/2004	Vresh et al.	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
BN		1057729	5/1959	Germany		
		3301713	11/1989	Germany		
BN		1588250	4/1970	France		
		2443239	12/1979	France		
		7711347	10/1977	Netherlands		

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2

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**Complete if Known**


Application Number	10/528,975
Filing Date	March 23, 2005
First Named Inventor	Keith L. Milliman et al.
Art Unit	3721
Examiner Name	Brian D. Nash
Attorney Docket Number	2881 (203-3492PCTUS)

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		Number-Kind Code <sup>2</sup> (if known)			
BW		US-6,763,993	7/20/2004	Bolduc et al.	
		US-6,742,692	6/1/2004	Hartwick	
		US-6,716,233	4/8/2004	Whitman	
		US-6,716,222	4/6/2004	McAlister et al.	
		US-6,695,199	2/24/2004	Whitman	
		US-6,695,198	2/24/2004	Adams et al.	
		US-6,681,979	1/27/2004	Whitman	
		US-6,685,079	2/3/2004	Sharma et al.	
		US-6,676,671	1/13/2004	Robertson et al.	
		US-6,659,327	12/9/2003	Heck et al.	
		US-6,632,237	10/14/2003	Ben-David et al.	
		US-6,632,227	10/14/2003	Adams	
		US-6,631,837	10/14/2003	Heck	
		US-6,629,630	10/7/2003	Adams	
		US-6,626,921	9/30/2003	Blatter et al.	
		US-6,623,227	9/23/2003	Scott et al.	
		US-6,605,078	8/12/2003	Adams	
BW		US-6,601,749	8/5/2003	Sullivan et al.	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
BW		282157	9/1988	EPO		
		908529	8/1972	Canada		
		0190022	8/1986	EPO		
BW		0152382	8/1985	EPO		

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Sheet	3	of	14
Application Number	10/528,975		
Filing Date	March 23, 2005		
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BW		US-6,592,596	7/15/2003	Geitz	
		US-6,588,643	7/8/2003	Bolduc et al.	
		US-6,585,144	7/1/2003	Adams et al.	
		US-6,578,751	6/17/2003	Hartwick	
		US-6,533,157	3/18/2003	Whitman	
		US-6,520,398	2/18/2003	Nicolo	
		US-6,517,566	2/11/2003	Hovland et al.	
		US-6,503,259	1/7/2003	Huxel et al.	
		US-6,494,877	12/17/2002	Odell et al.	
		US-6,491,201	12/10/2002	Whitman	
		US-6,488,197	12/3/2002	Whitman	
		US-6,478,210	11/12/2003	Adams et al.	
		US-6,450,390	9/17/2002	Heck et al.	
		US-6,402,008	6/11/2002	Lucas	
		US-6,398,795	6/4/2002	McAlister et al.	
		US-6,387,105	5/14/2002	Gifford, III et al.	
BW		US-6,343,731	2/5/2002	Adams et al.	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
BW		0173451	3/1986	EPO		
		0503689	9/1992	EPO		
		1461464	12/1966	France		
		2016991	9/1979	United Kingdom		
BW		2070499	9/1981	United Kingdom		

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Sheet 4

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Filing Date	March 23, 2005
First Named Inventor	Keith L. Milliman et al.
Art Unit	3721
Examiner Name	Brian D. Nash
Attorney Docket Number	2861 (203-3492PCTUS)

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Bn		US-6,338,737	1/15/2002	Toledano	
		US-6,302,311	10/16/2001	Adams et al.	
		US-6,279,809	8/28/2001	Nicolo	
		US-6,269,997	8/7/2001	Balázs et al.	
		US-6,264,086	7/24/2001	McGuckin, Jr.	
		US-6,258,107	7/10/2001	Balázs et al.	
		US-6,253,984	7/3/2001	Heck et al.	
		US-6,241,140	6/5/2001	Adams et al.	
		US-6,209,773	4/3/2001	Bolduc et al.	
		US-6,203,553	3/20/2001	Robertson et al.	
		US-6,193,129	2/27/2001	Blitner et al.	
		US-6,179,195	1/30/2001	Adams et al.	
		US-6,176,413	1/23/2001	Heck et al.	
		US-6,149,667	11/21/2000	Hovland et al.	
		US-6,126,058	10/3/2000	Adams et al.	
		US-6,119,913	9/19/2000	Adams et al.	
		US-6,117,148	9/12/2000	Ravo et al.	
Bn		US-6,102,271	8/15/2000	Longo et al.	

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Bn		8706448	11/1987	WIPO		
		8900406	1/1989	WIPO		
		9006085	6/1990	WIPO		
Bn		1185292	3/1970	United Kingdom		

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B		US-6,083,241	7/4/2000	Longo et al.	
B		US-6,068,636	5/30/2000	Chen	
B		US-6,053,390	4/25/2000	Green et al.	
		<del>US-6,060,472</del>	<del>4/18/2000</del>	<del>Shibata</del>	
B		US-5,993,468	11/30/1999	Rygaard	
		US-5,957,363	9/28/1999	Heck	
		US-5,951,576	9/14/1999	Wakabayashi	
		US-5,947,363	9/7/1999	Bolduc et al.	
		US-5,915,616	6/29/1999	Viola et al.	
		US-5,881,943	3/16/1999	Heck et al.	
		US-5,860,581	1/19/1999	Robertson et al.	
		US-5,868,760	2/9/1999	McGuckin, Jr.	
		US-5,855,312	1/5/1999	Toledano	
		US-5,839,639	11/24/1998	Sauer et al.	
		US-5,836,503	11/17/1998	Ehrenfels et al.	
		US-5,799,857	9/1/1998	Robertson et al.	
		US-5,758,814	6/2/1998	Gallagher et al.	
B		US-5,732,872	3/31/1998	Bolduc et al.	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 6

of 14

**Complete if Known**

Application Number	10/528,975
Filing Date	March 23, 2005
First Named Inventor	Keith L. Milliman et al.
Art Unit	3721
Examiner Name	Brian D. Nash
Attorney Docket Number	2861 (203-3492PCTUS)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
BN		US-5,720,755	2/24/1998	Dakov	
		US-5,718,360	2/17/1998	Green et al.	
		US-5,715,987	2/10/1998	Kelley et al.	
		US-5,709,335	1/20/1998	Heck	
		US-5,685,474	11/11/1997	Seeber	
		US-5,669,918	9/23/1997	Balazs et al.	
		US-5,658,300	8/19/1997	Bito et al.	
		US-5,639,008	6/17/1997	Gallagher et al.	
		US-5,632,433	5/27/1997	Grant et al.	
		US-5,609,285	3/11/1997	Grant et al.	
BN		US-5,588,579	12/31/1996	Schnut et al.	
		<del>US-5,588,661</del>	<del>7/9/1996</del>	<del>Main et al.</del>	
BN		US-5,522,534	6/4/1996	Viola et al.	
		US-5,497,934	3/12/1996	Brady et al.	
		US-5,474,223	12/12/1995	Viola et al.	
		US-5,470,006	11/28/1995	Rodak	
		US-5,454,825	10/3/1995	Van Leeuwen et al.	
BN		US-5,447,514	9/5/1995	Gerry et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	7
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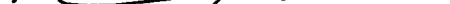
<b>Application Number</b>	10/528,975
<b>Filing Date</b>	March 23, 2005
<b>First Named Inventor</b>	Keith L. Millman et al.
<b>Art Unit</b>	3721
<b>Examiner Name</b>	Brian D. Nash
<b>Attorney Docket Number</b>	2861 (203-3482PCTUS)

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2 (if known)</sup>			
B/N		US-5,445,644	8/29/1995	Pietrafitta et al.	
		US-5,443,198	8/22/1995	Viola et al.	
		US-5,439,156	8/8/1995	Grant et al.	
		US-5,437,684	8/1/1995	Calabrese et al.	
		US-5,433,721	7/18/1995	Hooven et al.	
		US-5,411,508	5/2/1995	Bessler et al.	
		US-5,404,870	4/11/1995	Brinkerhoff et al.	
		US-5,403,333	4/4/1995	Kaster et al.	
		5,395,030	3/7/1995	Kuramoto et al.	
		5,392,979	2/28/1995	Green et al.	
		5,368,215	11/29/1994	Green et al.	
		5,360,154	11/1/1994	Green	
		5,355,897	10/18/1994	Pietrafitta et al.	
		5,350,104	9/27/1994	Main et al.	
		5,348,259	9/20/1994	Blanco et al.	
		5,346,115	9/13/1994	Perouse et al.	
		5,344,059	9/6/1994	Green et al.	
B/N		5,333,773	8/2/1994	Main et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7 <sup>o</sup>
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)				

Examiner Signature		Date Considered	7/13/07
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STATEMENT BY APPLICANT**

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Sheet 8

of 14

**Complete if Known**

Application Number	10/528,975
Filing Date	March 23, 2005
First Named Inventor	Keith L. Millman et al.
Art Unit	3721
Examiner Name	Brian D. Nash
Attorney Docket Number	2861 (203-3492PCTUS)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
Bn		5,330,486	7/19/1994	Wilk	
		5,314,436	5/24/1994	Wilk	
		5,314,435	5/24/1994	Green et al.	
		5,312,024	5/17/1994	Grant et al.	
		5,309,927	5/10/1994	Welch	
		5,292,053	3/8/1994	Blotti et al.	
		5,285,944	2/15/1994	Green et al.	
		5,285,945	2/15/1994	Brinkerhoff et al.	
		US-5,285,810	2/1/1994	Allen et al.	
		US-5,275,322	1/4/1994	Brinkerhoff et al.	
		US-5,271,544	12/21/1993	Fox et al.	
		US-5,271,543	12/21/1993	Grant et al.	
		US-5,253,793	10/19/1993	Green et al.	
		US-5,261,920	11/16/1993	Main et al.	
		US-5,222,963	6/29/1993	Brinkerhoff et al.	
		US-5,221,036	6/22/1993	Takase	
		US-5,205,459	4/27/1993	Brinkerhoff et al.	
Bn		US-5,197,649	3/30/1993	Bessler et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet	9	of	14	Application Number	10/528,975
				Filing Date	March 23, 2005
				First Named Inventor	Keith L. Milliman et al.
				Art Unit	3721
				Examiner Name	Brian D. Nash
				Attorney Docket Number	2861 (203-3492PCTUS)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
BN		US-5,197,648	3/30/1993	Gingold	
		US-5,193,731	3/16/1993	Aranyi	
		US-5,188,638	2/23/1993	Tzakis	
		US-5,158,222	10/27/1992	Green et al.	
		US-5,139,513	8/18/1992	Segato	
		US-5,122,156	6/16/1992	Granger et al.	
		US-5,119,983	6/9/1992	Green et al.	
		US-5,104,025	4/14/1992	Main et al.	
		US-5,047,039	9/10/1991	Avant et al.	
		US-5,042,707	8/27/1991	Taheri	
		US-5,005,749	4/9/1991	Aranyi	
		US-4,957,499	9/18/1990	Lipatov et al.	
		US-4,917,114	4/17/1990	Green et al.	
		US-4,907,591	3/13/1990	Vasconcellos et al.	
		US-4,903,697	2/27/1990	Resnick et al.	
		US-4,893,662	1/16/1990	Green et al.	
		US-4,873,977	10/17/1989	Avant et al.	
BN		US-4,817,847	4/4/1989	Redtenbacher et al.	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet	10	of	14	Application Number	10/528,975
				Filing Date	March 23, 2005
				First Named Inventor	Keith L. Milliman et al.
				Art Unit	3721
				Examiner Name	Brian D. Nash
				Attorney Docket Number	2861 (203-3492PCTUS)

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B		US-4,754,909	7/5/1988	Barker et al.	
		US-4,708,141	11/24/1987	Inoue et al.	
		US-4,703,887	11/3/1987	Clanton et al.	
		US-4,700,703	10/20/1987	Resnick et al.	
		US-4,671,445	6/9/1987	Barker et al.	
		US-4,667,673	5/26/1987	Li	
		US-4,646,745	3/3/1987	Noiles	
		US-4,608,343	8/19/1986	Conta et al.	
		US-4,603,693	8/5/1986	Conta et al.	
		US-4,592,354	6/3/1986	Rothfuss	
		US-4,576,167	3/18/1986	Noiles	
		US-4,573,468	3/4/1986	Conta et al.	
		US-4,550,870	11/5/1985	Krumme et al.	
		US-4,505,414	3/19/1985	Filipi	
		US-4,505,272	3/19/1985	Utyamyshev et al.	
		US-4,488,523	12/18/1984	Shichman	
		US-4,485,817	12/4/1984	Swigggett	
B		US-4,476,863	10/16/1984	Kanshin et al.	

**FOREIGN PATENT DOCUMENTS**

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Examiner Signature	<i>B</i>	Date Considered	7/13/07
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**INFORMATION DISCLOSURE  
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Sheet 11

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**Complete if Known**

Application Number	10/528,975
Filing Date	March 23, 2005
First Named Inventor	Keith L. Milliman et al.
Art Unit	3721
Examiner Name	Brian D. Nash
Attorney Docket Number	2861 (203-3492PCTUS)

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B		US-4,473,077	9/25/1984	Noiles et al.	
		US-4,467,863	10/16/1984	Kanshin et al.	
		US-4,379,457	4/12/1983	Gravener et al.	
		US-4,351,466	9/28/1982	Noiles	
		US-4,350,160	9/21/1982	Kolesov et al.	
		US-4,319,576	3/16/1982	Rothfuss	
		US-4,304,236	12/8/1981	Conta et al.	
		US-4,289,133	9/15/1981	Rothfuss	
		US-4,207,898	6/17/1980	Becht	
		US-4,198,982	4/22/1980	Fortner et al.	
		US-3,638,652	2/1/1972	Kelley	
		US-3,552,626	1/5/1971	Astafiev	
		US-3,388,847	6/18/1968	Kasulin et al.	
		US-2007/0060952	3/15/2007	Roby et al.	
		US-2007/0038248	2/15/2007	Heinrch	
		US-2007/0034668	2/15/2007	Holsten et al.	
		US-2007/0034667	2/15/2007	Holsten et al.	
		US-2007/0034666	2/15/2007	Holsten et al.	
		US-2007/0029363	2/8/2007	Popov	
		US-2007/0027473	2/1/2007	Vresh et al.	
		US-2007/0023475	2/1/2007	Csiky	
B		US-2006/0289601	12/28/2006	Orban, III	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Sheet	12	of	14	Application Number	10/528,975
				Filing Date	March 23, 2005
				First Named Inventor	Keith L. Milliman et al.
				Art Unit	3721
				Examiner Name	Brian D. Nash
				Attorney Docket Number	2881 (203-3492PCTUS)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
B		US-2006/0255090	11/16/2006	Milliman et al.	
		US-2006/0241692	10/26/2006	McGuckin, Jr. et al.	
		US-2006/0201993	9/14/2006	Hur	
		US-2006/0201989	9/14/2006	Ojeda	
		US-2006/0191975	8/31/2006	Adams et al.	
		US-2006/0151567	7/13/2006	Roy	
		US-2006/0144897	7/6/2006	Jankowski et al.	
		US-2006/0108393	5/25/2006	Heinrich et al.	
		US-2006/0097025	5/11/2006	Milliman et al.	
		US-2006/0085032	4/20/2006	Viola	
		US-2006/0085033	4/20/2006	Criscuolo et al.	
		US-2006/0085034	4/20/2006	Bettuchi	
		US-2006/0085035	4/20/2006	Viola	
		US-2006/0047308	3/2/2006	Ortiz et al.	
		US-2006/0047307	3/2/2006	Ortiz et al.	
		US-2006/0011698	1/19/2006	Okada et al.	
		US-2006/0000869	1/5/2006	Fontayne	
B		US-2005/0145675	7/7/2005	Hartwick et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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Application Number		10/528,975	
Filing Date		March 23, 2005	
First Named Inventor		Keith L. Millman et al.	
Art Unit		3721	
Examiner Name		Brian D. Nash	
Attorney Docket Number		2861 (203-3492PCTUS)	

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		Number-Kind Code <sup>2</sup> (if known)			
BN		US-2005/0145674	7/7/2005	Sonnenschein et al.	
		US-2005/0143758	6/30/2005	Abbott et al.	
		US-2005/0125009	6/9/2005	Perry et al.	
		US-2005/0116009	6/2/2005	Millman	
		US-2005/0107813	5/19/2005	Gilete Garcia	
		US-2005/0087580	4/28/2005	Orban, III	
		US-2005/0067454	3/31/2005	Vresh et al.	
		US-2005/0051597	3/10/2005	Tolendano	
		US-2004/0232198	11/25/2004	Adams et al.	
		US-2004/0153124	8/5/2004	Whitman	
		US-2004/0134964	7/15/2004	Adams et al.	
		US-2004/0118896	6/24/2004	Sharma et al.	
		2004/0092974	5/13/2004	Gannoe et al.	
		2004/0092960	5/13/2004	Abrams et al.	
		2003/0222117	12/4/2003	Orban, III	
		2003/0218047	11/27/2003	Sharma et al.	
BN		2003/0201301	10/30/2003	Bolduc et al.	

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Sheet 14

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B		2003/0192937	10/16/2003	Sullivan et al.	
		2003/0192936	10/16/2003	Hartwick	
		2003/0183671	10/2/2003	Mooradian et al.	
		2003/0178465	9/25/2003	Blotti et al.	
		2003/0144675	7/31/2003	Nicolo	
		2003/0132267	7/17/2003	Adams et al.	
		2003/0127491	7/10/2003	Adams et al.	
		2003/0111507	6/19/2003	Nunez	
		2003/0089757	5/15/2003	Whitman	
		2003/0073981	4/17/2003	Whitman et al.	
		2003/0065342	4/3/2003	Nobis et al.	
		2003/0057251	3/27/2003	Hartwick	
		2003/0047582	3/13/2003	Sonnenschein et al.	
		2003/0019905	1/30/2003	Adams et al.	
		2002/0185517	12/12/2002	Vresh et al.	
		2002/0185516	12/12/2002	Heck et al.	
		2002/0063143	5/30/2002	Adams et al.	
		2002/0047036	4/25/2002	Sullivan et al.	
		2002/0020732	2/21/2002	Adams et al.	
		2001/0054636	12/27/2001	Nicolo	
		2001/0010320	8/2/2001	Bolduc et al.	
B		2001/0000903	5/10/2001	Heck et al.	

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